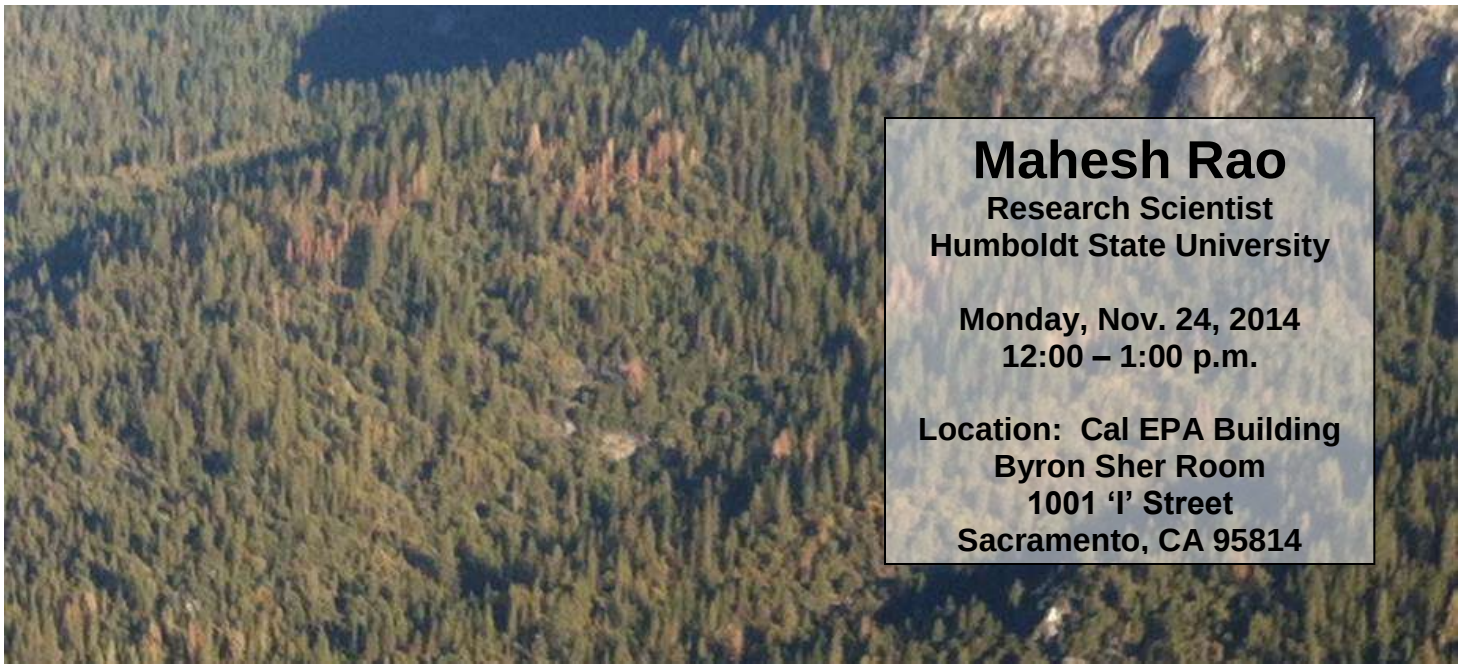
The Delta Science Program, Ecosystem Restoration Program & Surface Water Ambient Monitoring Program Jointly Present a Brown Bag Seminar Series

Mapping Drought Impacts in the Central Valley and Sierra Nevada Foothills Using Remote Sensing



Detecting Drought Effects Remotely?

More than 80 percent of California is currently classified as experiencing extreme drought, a condition that is impacting agriculture, forests, wildlife, and fisheries across the state. If the drought persists, forest health will continue to decline, there will be greater risk of severe wildfires, as well as increased impacts to agricultural production, livestock, and food prices. These impacts will affect all Californians.

Over the last three decades, remote sensing techniques have become a valuable tool in monitoring the effects of drought. Remote sensing approaches to quantifying vegetation, land surface temperature (LST), etc. increase our understanding of drought stress impacts on natural and managed ecosystems. This seminar will describe recent research investigating the application of several remote sensing techniques to understand the effects of drought across the Central Valley and Sierra Nevada foothills.

For more Information or WebEx connection details contact: Garrett Liles - garrett.liles@deltacouncil.ca.gov (916) 445 – 5694
Archived seminar recordings available at http://deltacouncil.ca.gov/science-program-events